## Index of Claims 10801091 Examiner HUNG Q DANG Applicant(s)/Patent Under Reexamination MALCOLM ET AL. Art Unit 2621

| <b>✓</b> | Rejected | - | Cancelled  | N | Non-Elected  | Α | Appeal   |
|----------|----------|---|------------|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted | I | Interference | 0 | Objected |

| CL    | MIA      |            |            | DATE     |  |  |   |
|-------|----------|------------|------------|----------|--|--|---|
| Final | Original | 06/17/2009 | 04/15/2009 | <br>DAIL |  |  | 1 |
| гшаг  |          | √          | √ √        |          |  |  | + |
|       | 1 2      | <b>V</b> ✓ | <b>√</b>   |          |  | <del> </del>                                     | + |
|       | 3        | <b>V</b> ✓ | v          |          |  | <del>                                     </del> | + |
|       | 4        | <b>V</b> ✓ | <b>√</b>   |          |  | <u> </u>   | + |
|       | 5        | <b>V</b> ✓ | v          |          |  | <u> </u>   | + |
|       | 6        | <b>V</b> ✓ | <b>√</b>   |          |  |  | + |
|       | 7        | <b>V</b> ✓ | <b>√</b>   |          |  | <del>                                     </del> | + |
|       | 8        | <b>V</b> ✓ | <b>√</b>   |          |  | <del>                                     </del> | + |
|       | 9        | +          |            |          |  | <del> </del>                                     | + |
|       |          | -          | -          |          |  |  | + |
|       | 10       | -          | -          |          |  | <del>                                     </del> | + |
|       | 11       | -          | -          |          |  |  | + |
|       | 12       | -          | -          |          |  |  | + |
|       | 13       | - ✓        | - /        |          |  |  | + |
|       | 14       | <b>√</b>   | <b>✓</b>   |          |  |  | + |
|       | 15       |            |            |          |  |  | _ |
|       | 16       | <b>✓</b>   | <b>√</b>   |          |  | <u> </u>   | + |
|       | 17       | <b>V</b>   | <b>√</b>   |          |  | <u> </u>   | + |
|       | 18       | <b>√</b>   | <b>*</b>   |          |  |  |   |
|       | 19       | <b>√</b>   | <b>√</b>   |          |  | <u> </u>   |   |
|       | 20       | <b>✓</b>   | <b>V</b>   |          |  |  | + |
|       | 21       | <b>✓</b>   | <b>✓</b>   |          |  | <u> </u>   | + |
|       | 22       | <b>✓</b>   | <b>✓</b>   |          |  |  |   |
|       | 23       | <b>√</b>   | <b>✓</b>   |          |  |  |   |
|       | 24       | <b>√</b>   | <b>√</b>   |          |  | <u> </u>   |   |
|       | 25       | <b>✓</b>   | <b>✓</b>   |          |  |  |   |
|       | 26       | <b>✓</b>   | <b>√</b>   |          |  | <del>                                     </del> |   |
|       | 27       | <b>✓</b>   | <b>√</b>   |          |  | <del>                                     </del> |   |
|       | 28       | <b>√</b>   | <b>✓</b>   |          |  |  |   |
|       | 29       | <b>√</b>   | <b>√</b>   |          |  | <u> </u>   | 1 |
|       | 30       | <b>√</b>   | <b>√</b>   |          |  | <u> </u>   |   |
|       | 31       | <b>√</b>   | <b>√</b>   |          |  |  |   |
|       | 32       | ✓          | <b>✓</b>   |          |  |  |   |
|       | 33       | ✓          | ✓          |          |  |  |   |
|       | 34       | ✓          | ✓          |          |  |  |   |
|       | 35       | <b>✓</b>   | ✓          | _        |  |  |   |

## Index of Claims 10801091 Examiner HUNG Q DANG Applicant(s)/Patent Under Reexamination MALCOLM ET AL. Art Unit 2621

| <b>✓</b> | Rejected | - | Cancelled  | N | Non-Elected  | Α | Appeal   |
|----------|----------|---|------------|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted | I | Interference | 0 | Objected |

| CLAIM |          |            |            | DATE |  |          |   |
|-------|----------|------------|------------|------|--|----------|---|
| inal  | Original | 06/17/2008 | 04/15/2009 |      |  |          | Τ |
| mai   | 37       | √ √        | √ √        |      |  |          |   |
|       | 38       | <b> </b>   | <b>✓</b>   |      |  |          |   |
|       | 39       | <b>√</b>   | √ ·        |      |  |          |   |
|       | 40       | <b> </b>   | <b>√</b>   |      |  |          |   |
|       | 41       | <b>-</b>   | <b>√</b>   |      |  |          |   |
|       | 42       | -          | -          |      |  |          |   |
|       | 43       | _          | -          |      |  |          |   |
|       | 44       | _          | -          |      |  |          |   |
|       | 45       | <b>√</b>   | ✓          |      |  |          |   |
|       | 46       | <b>√</b>   | ✓          |      |  |          |   |
|       | 47       | <b>√</b>   | <b>√</b>   |      |  | <u> </u> |   |
|       | 48       | <b>√</b>   | <b>√</b>   |      |  | <u> </u> |   |
|       | 49       | <b>√</b>   | <b>√</b>   |      |  |          |   |
|       | 50       | <b>✓</b>   | <b>√</b>   |      |  |          |   |
|       | 51       | <b>√</b>   | <b>√</b>   |      |  |          |   |
|       | 52       | <b>√</b>   | <b>√</b>   |      |  |          |   |
|       | 53       | <b>√</b>   | <b>√</b>   |      |  |          |   |
|       | 54       | -          | -          |      |  |          |   |
|       | 55       | -          | -          |      |  |          |   |
|       | 56       | -          | -          |      |  |          |   |
|       | 57       | ✓          | ✓          |      |  |          |   |
|       | 58       | ✓          | ✓          |      |  |          |   |
|       | 59       | ✓          | ✓          |      |  |          |   |
|       | 60       | ✓          | ✓          |      |  |          |   |
|       | 61       | <b>√</b>   | ✓          |      |  |          |   |
|       | 62       | -          | -          |      |  |          |   |
|       | 63       | <b>√</b>   | ✓          |      |  |          |   |
|       | 64       | ✓          | ✓          |      |  |          |   |
|       | 65       | ✓          | ✓          |      |  |          |   |
|       | 66       | -          | -          |      |  |          |   |
|       | 67       | <b>√</b>   | ✓          |      |  |          |   |
|       | 68       | ✓          | ✓          |      |  |          |   |
|       | 69       | <b>√</b>   | ✓          |      |  |          |   |
|       | 70       | <b>√</b>   | ✓          |      |  |          |   |
|       | 71       | <b>√</b>   | ✓          |      |  |          |   |

## Index of Claims Index of Claims 10801091 Examiner HUNG Q DANG Applicant(s)/Patent Under Reexamination MALCOLM ET AL. Art Unit 2621

| <b>✓</b> | Rejected | - | Cancelled  | N | Non-Elected  | Α | Appeal   |
|----------|----------|---|------------|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted | I | Interference | 0 | Objected |

| Final Original 06/17/2008 04/15/2009 73  | CL A  | IM           |              |            |  | DATE |   |   |       |
|--|-------|--------------|--------------|------------|--|------|---|---|-------|
| 73       -       -         74       V       V         75       V       V         76       -       -         77       -       -         78       -       -         79       -       -         80       -       -         81       -       -         82       -       -         83       -       -         84       -       -         85       -       -         86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         96       -       -         97       -       -         98       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -   |       |              | 00/47/0000   | 04/45/0000 |  | DAIL | Ι |   |       |
| 74       ✓       ✓         75       ✓       ✓         76       -       -         77       -       -         78       -       -         80       -       -         81       -       -         82       -       -         83       -       -         84       -       -         86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         96       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -       -         99       -   | -inai |              |              |            |  |      |   | _ | <br>+ |
| 75   |       |              |              |            |  |      |   | - | <br>+ |
| 76       -       -         77       -       -         78       -       -         80       -       -         81       -       -         82       -       -         83       -       -         84       -       -         85       -       -         86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         96       -       -         99       -       -         99       -       -         101       -       -         102       -       -         103       ✓       ✓         105       ✓       ✓   |       |              |              |            |  |      |   | _ | <br>+ |
| 777       -       -         78       -       -         80       -       -         81       -       -         82       -       -         83       -       -         84       -       -         86       -       -         87       -       -         88       -       -         89       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         96       -       -         99       -       -         100       -       -         101       -       -         102       -       -         103       ✓       ✓         106       ✓       ✓  |       |              |              |            |  |      |   | _ | <br>+ |
| 78       -       -         79       -       -         80       -       -         81       -       -         82       -       -         83       -       -         84       -       -         85       -       -         86       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         95       -       -         96       -       -         99       -       -         100       -       -         101       -       -         102       -       -         103       ✓       ✓         104       ✓       ✓         105       ✓       ✓   |       |              | +            |            |  |      |   | _ | <br>+ |
| 79       -       -         80       -       -         81       -       -         82       -       -         83       -       -         84       -       -         85       -       -         86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         96       -       -         97       -       -         98       -       -         100       -       -         101       -       -         102       -       -         103       ✓       ✓         105       ✓       ✓  |       |              | <del> </del> |            |  |      |   |   | <br>- |
| 80   -   |       |              | +            |            |  |      |   | _ | <br>  |
| 81       -       -         82       -       -         83       -       -         84       -       -         85       -       -         86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         96       -       -         97       -       -         98       -       -         100       -       -         101       -       -         102       -       -         103       ✓       ✓         105       ✓       ✓   |       |              | -            | -          |  |      |   |   | <br>  |
| 82   -   |       |              | -            | -          |  |      |   |   |       |
| 83       -       -         84       -       -         85       -       -         86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         96       -       -         99       -       -         100       -       -         101       -       -         102       -       -         103       \( \frac{\fr   |       |              | -            | -          |  |      |   |   |       |
| 84       -       -         85       -       -         86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         97       -       -         98       -       -         99       -       -         100       -       -         101       -       -         103       ✓       ✓         105       ✓       ✓  |       |              | -            | -          |  |      |   |   |       |
| 85       -       -         86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         96       -       -         97       -       -         99       -       -         100       -       -         101       -       -         102       -       -         103       ✓       ✓         105       ✓       ✓   |       | 83           | -            | -          |  |      |   |   |       |
| 86       -       -         87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         97       -       -         98       -       -         100       -       -         101       -       -         102       -       -         103       ✓       ✓         105       ✓       ✓   |       | 84           | -            | -          |  |      |   |   |       |
| 87       -       -         88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         96       -       -         97       -       -         98       -       -         100       -       -         101       -       -         102       -       -         103       ✓       ✓         105       ✓       ✓   |       | 85           | -            | -          |  |      |   |   |       |
| 88       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         96       -       -         97       -       -         99       -       -         100       -       -         101       -       -         103       \( \forall \) \( \fora   |       | 86           | -            | -          |  |      |   |   |       |
| 89       -       -         90       -       -         91       -       -         92       -       -         93       -       -         94       -       -         95       -       -         96       -       -         97       -       -         98       -       -         99       -       -         100       -       -         101       -       -         102       -       -         103       ✓       ✓         105       ✓       ✓   |       | 87           | -            | -          |  |      |   |   |       |
| 90   |       | 88           | -            | -          |  |      |   |   |       |
| 91   |       | 89           | -            | -          |  |      |   |   |       |
| 92   |       | 90           | -            | -          |  |      |   |   |       |
| 93   -   |       | 91           | -            | -          |  |      |   |   |       |
| 93   -   |       |              | -            | -          |  |      |   |   |       |
| 94       -       -         95       -       -         96       -       -         97       -       -         98       -       -         99       -       -         100       -       -         101       -       -         102       -       -         103       \( \forall \) \( \forall \)         104       \( \forall \) \( \forall \)         105       \( \forall \) \( \forall \)         106       \( \forall \) \( \forall \)  |       |              | -            | -          |  |      |   |   |       |
| 95   |       |              | -            | -          |  |      |   |   |       |
| 96       -       -         97       -       -         98       -       -         99       -       -         100       -       -         101       -       -         102       -       -         103       \( \forall \) \( \forall \ |       |              | -            | -          |  |      |   |   |       |
| 97   |       | <del> </del> | _            | _          |  |      |   |   |       |
| 98   |       |              | +            |            |  |      |   |   |       |
| 99   |       |              | +            |            |  |      |   | + |       |
| 100     -     -       101     -     -       102     -     -       103     \( \forall \)     \( \forall \)       104     \( \forall \)     \( \forall \)       105     \( \forall \)     \( \forall \)       106     \( \forall \)     \( \forall \)  |       |              | +            |            |  |      |   | - | <br>- |
| 101  |       |              |              |            |  |      |   |   |       |
| 102  |       |              | +            |            |  |      |   | _ | <br>+ |
| 103  |       |              | +            |            |  |      |   | _ | <br>+ |
| 104  |       |              |              |            |  |      |   |   |       |
| 105  |       |              |              |            |  |      |   |   |       |
| 106 🗸 🗸  |       |              |              |            |  |      |   | _ | <br>+ |
| 100  |       |              |              |            |  |      |   |   |       |
|  |       |              |              |            |  |      |   | _ | <br>  |
| 107  |       | 107          | <b>√</b>     | ✓          |  |      |   |   | <br>  |

|                 | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10801091                | MALCOLM ET AL.                          |
|                 | Examiner                | Art Unit                                |
|                 | HUNG Q DANG             | 2621                                    |

| <b>✓</b> | Rej                      | ected    |          | -    | Can         | ncelled    |         | N   | Non-E        | Elected |   | Α     | Appeal |        |
|----------|--------------------------|----------|----------|------|-------------|------------|---------|-----|--------------|---------|---|-------|--------|--------|
| =        | = Allowed                |          | d ÷ F    |      |             | Restricted |         | ı   | Interference |         |   | 0     | Obje   | cted   |
|          | ☐ Claims renumbered in ( |          |          | ne o | rder as pro | esented by | applica | ant |              | □ СРА   |   | ] т.с | D. 🗆   | R.1.47 |
|          | CLAIN                    | 1        |          |      |             |            |         |     | DATE         |         |   |       |        |        |
| F        | inal                     | Original | 06/17/20 | 08 0 | 4/15/2009   |            |         |     |              |         |   |       |        |        |
|          |                          | 109      | <b>√</b> |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 110      | <b>√</b> |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 111      | <b>√</b> |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 112      | <b>√</b> |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 113      | <b>√</b> |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 114      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 115      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 116      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 117      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 118      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 119      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 120      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 121      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 122      | <b>✓</b> |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 123      | ✓        |      | ✓           |            |         |     |              |         |   |       |        |        |
|          |                          | 124      | <b>1</b> |      | ✓           |            |         |     |              |         | 1 |       |        | 1      |

✓

 $\checkmark$ 

✓

 $\checkmark$ 

✓

✓

U.S. Patent and Trademark Office Part of Paper No.: 20090410